

Datasheet for ABIN7319442
CD96 Protein (CD96) (His tag)



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Overview

Quantity:	50 µg
Target:	CD96
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD96 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CD96 Protein (His Tag)(Active)
Sequence:	Val22-Met503
Characteristics:	Recombinant Human CD96 is produced by our Mammalian expression system and the target gene encoding Val22-Met503 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Human PVR-His(Cat: PKSH033563) at 10µg/ml(100 µl/well) can bind Biotinylated Human CD96-His. The ED50 of Human CD96-His is 27.54µg/mL.

Target Details

Target:	CD96
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Target Details

Alternative Name: CD96 (CD96 Products)

Background: The cluster of differentiation (CD) system is commonly used as cell markers in immunophenotyping. Different kinds of cells in the immune system can be identified through the surface CD molecules which associating with the immune function of the cell. The CD155 ligand CD96 is a member of the Ig superfamily. It's a immunoglobulin-like protein tentatively allocated to the repertoire of human NK receptors. NK cells recognize poliovirus receptor (PVR), anectins and nectin-like protein family member serve to mediate cell-cell adhesion, cell migration, with the presence of an additional receptor, CD96. CD96 promotes NK cell adhesion to target cells expressing PVR, stimulates cytotoxicity of activated NK cells, and mediates acquisition of PVR from target cells.

Synonym: T-cell surface protein tactile, Cell surface antigen CD96, T cell-activated increased late expression protein, CD96

Molecular Weight: 54.4 kDa

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.